

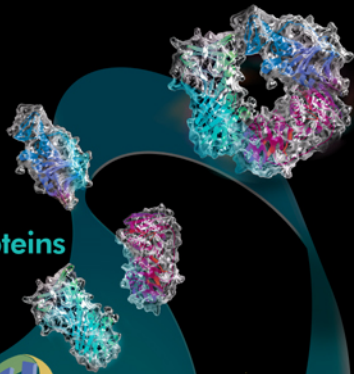
GENOMES *to* Life Exploring Microbial Genomes for Energy and the Environment



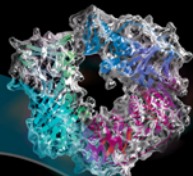
DNA Sequences



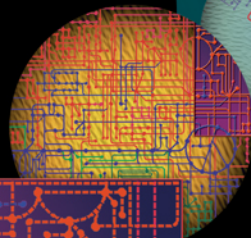
Proteins



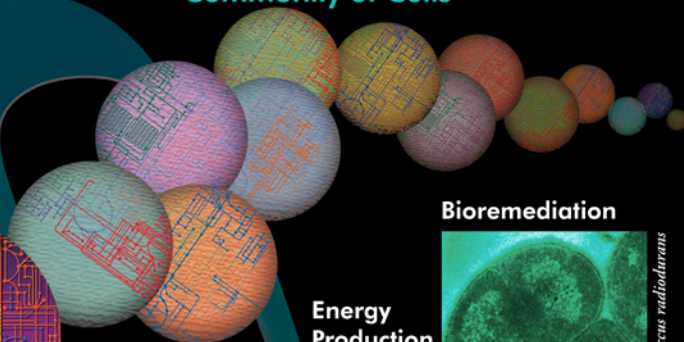
Protein
Machines



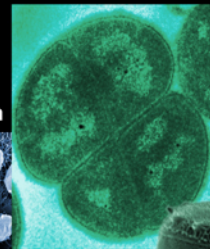
Working Cell



Community of Cells

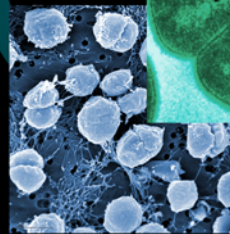


Bioremediation



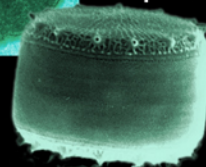
Deinococcus radiodurans

Energy
Production



Methanococcus jannaschii

Carbon
Sequestration



Thalassiosira pseudonana

"I believe we need to leapfrog the status quo and prepare for a future that, under any scenario, requires a revolution in how we find, produce, and deliver energy."

– Spencer Abraham, Secretary of Energy

Using microbes for DOE missions